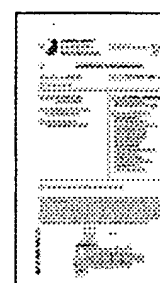


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Swarowsky, Herbert, Dr.;
Körfer, Martin;
Kleinschmit, Peter, Dr.;
Schwarz, Rudolf, Dr.;Assignee: **Degussa Aktiengesellschaft**
Corporate Tree data: **RAG AG ([RAGAG](#)); Degussa AG ([DEGUSSA](#))**
[News, Profiles, Stocks and More about this company](#)Published / Filed: **1990-11-07 / 1990-04-14**Application Number: **EP1990000107159**IPC Code: Advanced: **C01F 7/30; C09K 3/14;**
Core: **C01F 7/00;** more...
IPC-7: **C01F 7/30; C09K 3/14;**Priority Number: **1989-04-19 DE1989003912842**
1990-03-23 DE1990004009299Abstract: à-Alumina having an à-alumina content of 20 to 80% by weight, has a specific surface area according to BET (DIN 66 131) of 5 to 40 m²/g, primary particles which are present in virtually isolated form and a primary particle distribution of about 20 to 500 nanometres, is prepared pyrogenically by evaporating aluminium trichloride, mixing it with a carrier gas, burning this mixture in an oxygen/combustible gas flame in a fire tube, maintaining a temperature of 1200 to 1500°C in the fire tube or increasing it up to 1700°C and passing the reaction flue gases and the product formed through a cooling zone of known design and separating off the product from the reaction flue gases in a known manner.INPADOC Legal Status: [Show legal status actions](#) Get Now: [Family Legal Status Report](#)Designated Country: **AT BE DE DK ES FR GB IT NL SE**

Family:

PDF	Publication	Pub. Date	Filed	Title
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<input checked="" type="checkbox"/>	JP03080106A2	1991-04-04	1990-04-19	ALPHA-ALUMINUM OXIDE AND ITS MANUFACTURE
<input checked="" type="checkbox"/>	EP0395925A1	1990-11-07	1990-04-14	Alpha-aluminium oxide and process for its preparation
<input checked="" type="checkbox"/>	DE4009299A1	1990-10-25	1990-03-23	(ALPHA)-ALUMINIUMOXID UND VERFAHREN ZUR HERSTELLUNG
<input checked="" type="checkbox"/>	DD0293799A5	1991-09-12	1990-04-18	VERFAHREN ZUR PYROGENEN HERSTELLUNG VON ALPHA-ALUMINIUMOXID
4 family members shown above				

First Claim:
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1. α -Aluminiumoxid, gekennzeichnet durch einen α -Aluminiumoxidgehalt von 20 bis 80 Gew.-%, eine spezifische Oberfläche nach BET (DIN 66 131) von 5 bis 40 m²/g, nahezu isoliert vorliegenden Primärteilchen und einer Primärteilchenverteilung von ca. 20 bis 500 Nanometer.

Description
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Die Erfindung betrifft α -Aluminiumoxid sowie das Verfahren zu seiner Herstellung.
 + Beispiel:

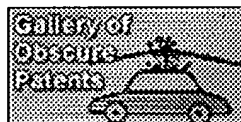
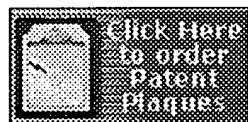
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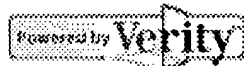
PDF	Patent	Pub.Date	Inventor	Assignee	Title
<input checked="" type="checkbox"/>	US6086948	2000-07-11	Roth; Barbara	Heraeus Electro-Nite International N.V.	Process for manufacturing diffusion-limiting layers in these layers

Other Abstract
 Info:

None



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